		Muses besieve was die	+ a d 20 b	olabe in East of	
Map symbol	 	Trees naving predic	ted 20-year average h	eignt, in feet, of	
and soil name	 <8 	8-15 	16-25 	26-35 	>35
6: Okoboji	 redosier dogwood 	 		 black willow, golden willow, white willow	
8B: Judson	 common lilac 		 bur oak, eastern redcedar, Russian olive, blue spruce, common hackberry		
11B: Colo	 		 Amur maple, white fir, white spruce, common hackberry, tall purple willow		 green ash, silver maple, eastern cottonwood
Ely	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine
27B: Terril	 		 eastern arborvitae, eastern redcedar, Amur maple, blue spruce		
41B: Sparta	gray dogwood,	cranberrybush, Amur maple, common	 Norway spruce 	 eastern white pine, jack pine, red pine 	
55: Nicollet	 		 eastern arborvitae, white spruce, Amur maple, blue spruce 	eastern white pine,	 silver maple

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15 	16-25 	26-35 	>35 		
C2: torden	 - American plum, Siberian peashrub	 common hackberry, eastern redcedar	 Russian olive, green ash, honeylocust	 Siberian elm 	 		
02: corden	 - American plum, Siberian peashrub	 common hackberry, eastern redcedar	 Russian olive, green ash, honeylocust	 Siberian elm 	 		
E2: corden	- American plum, Siberian peashrub	 common hackberry, eastern redcedar	 Russian olive, green ash, honeylocust	 Siberian elm 	 		
C: alida					 		
BB: Kenyon	 - 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 		
C2: enyon	-	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 		
D: enyon	 - 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 		
F: enyon	 - 		Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 		

Map symbol								
and soil name	<8	8-15 _	16-25 	26-35 	>35 			
1: Clyde		 American plum, redosier dogwood 	 Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 			
): Dkoboji 	redosier dogwood	i 	 black ash, tall purple willow 	 black willow, golden willow, white willow	 			
5: Harps 		-	bur oak, white	 green ash, golden willow, honeylocust 	 eastern cottonwood 			
5: urlin 		 common lilac, redosier dogwood	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 			
)7: 		 American plum, cotoneaster, redosier dogwood	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 			
8: Garwin 		 American plum, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 			
9: fuscatine 		 common lilac, redosier dogwood	 leastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 			

Map symbol	 	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15	16-25	26-35 	>35 			
20B: Tama	 			 	 			
33: Colo	 	 American plum, redosier dogwood	Amur maple, white fir, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood			
35: Coland	 	 American plum, cotoneaster, redosier dogwood	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 			
38B: Clarion	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 			
38C2: Clarion	 		eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 			
38D2: Clarion	 		eastern arborvitae, eastern redcedar, Amur maple, blue spruce	Russian olive, common hackberry, green ash, eastern white pine	; 			
51: Marshan	 common ninebark, nannyberry, redosier dogwood, silky dogwood	 American cranberrybush, eastern arborvitae	 balsam fir, white spruce 	green ash, red maple, silver maple, white ash	 			

Map symbol	I I	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15	16-25	26-35 _	>35			
2:	 		 					
arshan	common ninebark, nannyberry, redosier dogwood, silky dogwood	American cranberrybush, eastern arborvitae	balsam fir, white spruce 	green ash, red maple, silver maple, white ash				
3: nandep	 redosier dogwood 	 	 black ash, tall purple willow					
1B: olan	 Russian olive,	 Manchurian	 bur oak, green ash,					
Stail			eastern white pine,					
4C2:	 	 	 					
lan	Russian olive, Siberian peashrub, common lilac	Manchurian crabapple, common hackberry, eastern redcedar	bur oak, green ash, eastern white pine, honeylocust	 				
5B: ickinson	 gommon lilag	 Siberian peashrub,	 Amur maple, common					
CKIIISOII	Common IIIac	Russian olive, eastern redcedar	hackberry, red pine, eastern white pine, green ash	honeylocust				
5C: ickinson	 common lilac 	 Siberian peashrub, Russian olive, eastern redcedar						
77:	 	 	 					
aude	Siberian peasnrub, common lilac 	Manchurian crabapple, common hackberry, eastern redcedar	Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust					

Map symbol		Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15 	16-25 	26-35 	>35			
L77B: Saude	 Siberian peashrub, common lilac 	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
177C: Saude	 Siberian peashrub, common lilac	 Manchurian crabapple, common hackberry, eastern redcedar	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
178: Waukee	 Siberian peashrub, common lilac		 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
178B: Waukee	Siberian peashrub, common lilac	 Manchurian crabapple, common hackberry, eastern redcedar	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
184: Klinger	 	 common lilac, redosier dogwood	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 			
198B: Floyd	; 	 common lilac, redosier dogwood	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 			

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	 <8 	8-15 	16-25 	26-35 	>35 		
01B: Coland	 	 American plum, cotoneaster, redosier dogwood 	 Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 		
Terril	 		eastern redcedar,	Russian olive, green ash, honeylocust, eastern white pine	İ		
13B:	 	 	 	 	 		
Rockton	Siberian peashrub, common lilac, cotoneaster 	eastern redcedar 	Manchurian crabapple, Russian olive, common hackberry, eastern white pine, green ash, jack pine	I -	 		
14B:	 	 		 	 		
Rockton	Siberian peashrub, common lilac, cotoneaster 	eastern redcedar 	Manchurian crabapple, Russian olive, common hackberry, eastern white pine, green ash, jack pine	İ	 		
14C2: Rockton	 Siberian peashrub, common lilac 	 eastern redcedar 		I -	 		
16C2: Ripon	 Siberian peashrub, gray dogwood, manyflower cotoneaster, silky dogwood	cranberrybush, Amur maple, common	 Norway spruce 	 eastern white pine, jack pine, red pine 	 		

Map symbol	 	Trees having predic	ted 20-year average h	eight, in feet, of	
and soil name	<8 	8-15 	16-25 	26-35 	>35
217B: Ripon	 Siberian peashrub,	 American	 Norway spruce	 	
•	gray dogwood, manyflower cotoneaster, silky dogwood	cranberrybush, Amur maple, common		jack pine, red pine	
221:					
Palms	common ninebark, silky dogwood 	American cranberrybush, nannyberry 	The state of the s		imperial Carolina poplar
225: Lawler	 	 common lilac, redosier dogwood 	 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple
26: Lawler	 	 common lilac, redosier dogwood 	 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple
236B: Lester	 	 - Siberian peashrub.	 eastern arborvitae,	 	
		-	eastern redcedar, Amur maple, blue		
236C:		 		 	
Lester	 				
236D2: Lester	 		eastern redcedar,	common hackberry,	
		dogwood, redosier dogwood	•	green ash, eastern white pine	

Map symbol	Trees having predicted 20-year average height, in feet, of							
and soil name	<8	8-15 	16-25 	26-35 	>35 			
236F: Lester	 		 eastern arborvitae,		 			
	 	common lilac, gray dogwood, redosier dogwood 	· •	common hackberry, green ash, eastern white pine	 			
284B: Flagler	 Siberian peashrub, common lilac 	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
284C: Flagler	 Siberian peashrub, common lilac 	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 			
329: Webster	 		Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 			
Nicollet	 	common lilac, redosier dogwood 	 eastern arborvitae, white spruce, Amur maple, blue spruce 	eastern white pine,	 silver maple 			
335: Harcot	 		bur oak, white	 green ash, golden willow, honeylocust 	 eastern cottonwood 			

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15 	16-25	26-35	>35 		
73C2: Tallula 		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 		
73D2: Fallula 		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce	Russian olive, common hackberry, green ash, eastern white pine	 		
77: Dinsdale 		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce		 		
77B: insdale 		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce		 		
7C:		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce		 		
7C2:		 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce		 		
32: Maxfield 		 American plum, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	' golden willow 	 green ash, silver maple, eastern cottonwood 		

Franklin County, Iowa

Map symbol		Trees having predicted 20-year average height, in feet, of							
and soil name	<8	8-15 	16-25 	26-35 	>35 I				
391B: Clyde		 American plum, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood				
Floyd				!					
398: Tripoli		 Siberian peashrub, common lilac, eastern arborvitae	bur oak, white	 green ash, golden willow, honeylocust 	 eastern cottonwood 				
399: Readlyn		 common lilac, redosier dogwood 	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 				
407B: Schley			 	 	 				
426: Aredale					 				
426B: Aredale		 Siberian peashrub, American plum, common lilac, gray dogwood, redosier dogwood	 eastern redcedar, Amur maple, blue spruce 	Russian olive, common hackberry, green ash, eastern white pine	 				

USDA-NRCS, IOWA 04/12/2002

	Trees having predicted 20-year average height, in feet, of							
Map symbol and soil name	 <8 	8-15 	16-25 	26-35 	>35			
426C: Aredale	 	 Siberian peashrub, American plum, common lilac, gray dogwood, redosier dogwood	Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 			
426C2: Aredale	 		Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 			
128B: Ely	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 			
144B: Jacwin	 	eastern arborvitae,	spruce, Austrian	 eastern white pine, green ash 	 			
144C2: Jacwin	 		spruce, Austrian	 eastern white pine, green ash 	 			
006: Wacousta	 		bur oak, white	 green ash, golden willow, honeylocust 	 eastern cottonwood 			

Map symbol	Trees having predicted 20-year average height, in feet, of					
and soil name	 <8 	8-15 	16-25 	26-35 I	>35 	
507: Canisteo	 		 eastern redcedar, bur oak, white spruce, common hackberry	 green ash, golden willow, honeylocust 	 eastern cottonwood 	
512C: Marlean	 Siberian peashrub, common lilac 	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 	
512E: Marlean	 Siberian peashrub, common lilac 	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 	
512G: Marlean	 Siberian peashrub, common lilac 	 Manchurian crabapple, common hackberry, eastern redcedar	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 	
551: Calamine	 common ninebark, nannyberry, redosier dogwood, silky dogwood		 balsam fir, white spruce 	 green ash, red maple, white ash 	 silver maple 	
559: Talcot	 redosier dogwood 	 	 black ash, tall purple willow 	 black willow, golden willow, white willow	 	
595: Harpster	 		bur oak, white	 green ash, golden willow 	 - eastern cottonwood - 	

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15	16-25	26-35 	>35		
.2C2: Mottland	 		 	 	 		
2E2: Ottland				 	 		
3: ossfield	 		-		 		
3B: Rossfield	 	-	· • • • • • • • • • • • • • • • • • • •		 		
3C: ossfield	 		=		 		
3C2: Rossfield	 		-		 		
3D2: cossfield	 		· ·		 		

Franklin County, Iowa

	Trees having predicted 20-year average height, in feet, of					
Map symbol and soil name 	 <8 	8-15 	16-25 	26-35	>35 	
620C: Port Byron	 	 Siberian peashrub, common lilac, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 	
620C2: Port Byron	 	 Siberian peashrub, common lilac, redosier dogwood 	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 	
620D2: Port Byron	 	 Siberian peashrub, common lilac, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 	
620E2: Port Byron	 	 Siberian peashrub, common lilac, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 	
621: Houghton	 gray dogwood, common ninebark, silky dogwood 	 Amur privet, common lilac, nannyberry 	 	 Siberian crabapple, Norway spruce, eastern white pine, green ash	poplar	
638C2: Clarion	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood		 Russian olive, common hackberry, green ash, eastern white pine	 	
Storden	 American plum, Siberian peashrub	 common hackberry, eastern redcedar 	 Russian olive, green ash, honeylocust 	 Siberian elm 	 	

USDA-NRCS, IOWA 04/12/2002

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of						
	 <8 	8-15 	16-25 	26-35 	>35 		
638D2: Clarion	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood		 Russian olive, common hackberry, green ash, eastern white pine	 		
Storden	 American plum, Siberian peashrub	common hackberry,	Russian olive, green ash, honeylocust	 Siberian elm 	 		
733:	! 			! 	! 		
Calco	 	Amur honeysuckle, Siberian peashrub, common lilac, eastern arborvitae	bur oak, white spruce, common	 green ash, golden willow, honeylocust 	 eastern cottonwood 		
760: Ansgar	 	American plum, cotoneaster, redosier dogwood	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood 		
761: Franklin	 	 common lilac, redosier dogwood	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 		
771B: Waubeek	 			Russian olive, common hackberry, green ash, eastern white pine	 		
771C: Waubeek	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood		 Russian olive, common hackberry, green ash, eastern white pine	 		

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of					
	<8 <8	8-15 	16-25 	26-35 	>35 	
782B: Donnan	 		 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 	
782C2: Donnan	 	· ·	 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 	
328B: Zenor	 Siberian peashrub, common lilac 	crabapple, common hackberry, eastern redcedar		 	 	
328C: Zenor	 Siberian peashrub, common lilac 	crabapple, common hackberry, eastern		 	 	
33: Sawmill	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur privet	-		 pin oak 	
56: Harps	 	eastern arborvitae	bur oak, white	 green ash, golden willow, honeylocust 		
Okoboji	 redosier dogwood 			 black willow, golden willow, white willow	 	

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15	16-25	26-35	>35		
.135:			 				
Coland		American plum, cotoneaster, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	golden willow 	green ash, silver maple, eastern cottonwood 		
.173:					1		
Hoopeston Variant		common lilac, redosier dogwood 	<pre> eastern arborvitae, white spruce, Amur maple, blue spruce</pre>	eastern white pine,	silver maple 		
010:					 		
Gravel							
Pits, Sand And Gravel		i			i		
030:					1		
Pits, Limestone Quarry							
Pits, Limestone Quarry					 		
 550					 		
Orthents		·					
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Water							
		 	 		I I		